

# McCUTCHEON'S

**VOLUME 1:**  
**EMULSIFIERS & DETERGENTS**  
**INTERNATIONAL EDITION**

# 2004

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## VOLUME 1: EMULSIFIERS & DETERGENTS

International Edition

### CONTENTS

Company Index .....	v
Food Emulsifier Index .....	ix
Textile Surfactant Index .....	xi
Surfactants .....	1
Formulated Detergent/Shampoo Concentrated Bases .....	190
Intermediates .....	193
HLB Index of Materials .....	204
CAS Number Index .....	219
Ionic Type Classification .....	237
Chemical Classification .....	247

Printed in U.S.A.  
Copyrighted 2004. McCutcheon's Division,  
The Manufacturing Confectioner Publishing Co.  
175 Rock Road, Glen Rock, NJ 07452, USA  
Tel: +1 (201) 652 2655 • Fax: +1 (201) 652 3419  
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ISBN 0-944254-74-8 LC # 82-644577

## Tween

## Tween (Cont.)

## Tween 40

Chemical Description: POE (20) sorbitan monopalmitate (polysorbate 40)  
Form: liquid, gel Conc. %: 100 Type: nonionic HLB: 15.6

## Tween 60

Chemical Description: POE (20) sorbitan monostearate (polysorbate 60)  
Form: semi-solid Conc. %: 100 Type: nonionic HLB: 14.9

## Tween 61

Chemical Description: POE (4) sorbitan monostearate  
Form: solid Conc. %: 100 Type: nonionic HLB: 9.6

## Tween 65

Chemical Description: POE (20) sorbitan tristearate (polysorbate 65)  
Form: solid Conc. %: 100 Type: nonionic HLB: 10.5

## Tween 80

Chemical Description: POE (20) sorbitan monooleate (polysorbate 80)  
Form: liquid Conc. %: 100 Type: nonionic HLB: 15.0

## Tween 81

Chemical Description: POE (5) sorbitan monooleate  
Form: liquid Conc. %: 100 Type: nonionic HLB: 10.0

## Tween 85

Chemical Description: POE (20) sorbitan trioleate  
Form: liquid Conc. %: 100 Type: nonionic HLB: 11.0

Remarks: Emulsifiers, solubilizers, general purpose water soluble hydrophilic surfactants, used as o/w emulsifiers. Also used in the textile industry as antistatic agents and fiber lubricants.

## Tween 20

Quest International

Chemical Classification: Monoglycerides and Derivatives (see also Glycerol Esters)

Chemical Description: Polyoxyethylene (20) sorbitan monolaurate  
Form: liquid Type: nonionic

Remarks: Used in coffee whiteners, bread, cakes and pastries.

## Tween 60

Quest International

Chemical Classification: Monoglycerides and Derivatives (see also Glycerol Esters)

Chemical Description: Polyoxyethylene (20) sorbitan monostearate  
Form: liquid Type: nonionic

Remarks: Used in coffee whiteners, bread, cakes and pastries.

## Tween 60 K

Quest International

Chemical Classification: Monoglycerides and Derivatives (see also Glycerol Esters)

Chemical Description: Kasher polyoxyethylene (20) sorbitan monostearate  
Form: oily liquid Type: nonionic

Remarks: Emulsifier.

## Tween 80

Quest International

Chemical Classification: Monoglycerides and Derivatives (see also Glycerol Esters)

Chemical Description: Polyoxyethylene (20) sorbitan mono-oleate  
Form: oily liquid Type: nonionic

Remarks: Emulsifier.

## Tween 80 K

Quest International

Chemical Classification: Monoglycerides and Derivatives (see also Glycerol Esters)

Chemical Description: Kasher polyoxyethylene (20) sorbitan mono-oleate  
Form: oily liquid Type: nonionic

Remarks: Emulsifier.

## Tylopor Grades

Clariant GmbH  
Functional Chemicals

Chemical Description: Methyl cellulose

Remarks: Binders, dispersants and emulsifiers; film and gel-forming agents; protective colloids; suspension agents; stabilizers; thickeners; viscosity auxiliaries.

## Ufanon KD-S

Chemical Classification: Alkanolamides

Chemical Description: Coconut diethanolamide (1:1)  
CAS: 68603-42-9

Form: liquid Conc. %: 90 Type: nonionic

Remarks: Viscosity modifier, foam booster.

## Ufapol EPB 30

Chemical Classification: Alkylaryl Sulfonates

Chemical Description: Sodium salt of branched alkylbenzene sulfonate

Form: white paste Conc. %: 30 Type: anionic

Remarks: Applied as the sole surfactant or in combination with other surfactants as primary and/or secondary emulsifier in production of PVC, etc.

Higher active contents and modified product versions are available upon request.

## Ufapol EPL 25

Chemical Classification: Alkylaryl Sulfonates

Chemical Description: Sodium salt of linear alkylbenzene sulfonate

Form: liquid Conc. %: 25 Type: anionic

Remarks: Applied as the sole surfactant or in combination with other surfactants as primary and/or secondary emulsifier in production of PVC, etc.

The emulsifying properties of Ufapol EPL are improved by higher active content. Higher active contents and modified product versions are available upon request.

## Ufapol EPL 30

Chemical Classification: Alkylaryl Sulfonates

Chemical Description: Sodium salt of linear alkylbenzene sulfonate

Form: paste Conc. %: 30 Type: anionic

Remarks: Applied as the sole surfactant or in combination with other surfactants as primary and/or secondary emulsifier in production of PVC, etc.

Higher active contents and modified product versions are available upon request.

## Ufapol EPN 2

Unger

## Ufapol EPN 3

Chemical Classification: Sulfates of Ethoxylated Alcohols

Chemical Description: Sodium salt of a sulphated linear fatty alcohol

Form: liquid Conc. %: 28 Type: anionic

Remarks: Applied frequently in combination with other surfactants as primary and/or secondary emulsifiers in production of PVC, PVAc, SBR, etc.

Higher active contents and modified product versions are available upon request.

## Ufapol SLS 30

Unger

Chemical Classification: Sulfates of Alcohols

Chemical Description: Sodium salt of linear lauryl sulphate

Form: liquid Conc. %: 30 Type: anionic

Remarks: High purity. Applied frequently in combination with other surfactants as primary and/or secondary emulsifier in production of PVC, PVAc, SBR, etc.

Higher active contents and modified product versions are available upon request.

## Ufapol TEP 2

Unger

Chemical Classification: Sulfates of Alcohols

Chemical Description: Sulfates of alcohols

CAS: 2235-54-3

Form: needles Conc. %: 92 Type: anionic

Remarks: Emulsion polymerization.

## Ufapore 1A

Unger

Chemical Classification: Alkanolamides

Chemical Description: Modified fatty acid alkanolamide

Form: liquid Conc. %: 98 Type: anionic

Remarks: In 5-7% concentration, exhibits air stabilizing properties in concrete, producing a uniform and well defined pore structure. Normal dosage is 0.2-1.0% (w/w) based on dry cement. Optional dosage should be established through initial small-scale testing, as overdosing will give a porous concrete and loss of strength. The product should not be added to dry materials, i.e., post-addition is recommended.

## Ufapore FF

Unger

Chemical Classification: Sulfates of Alcohols

Chemical Description: Amine salts of alkylsulphates

Form: liquid Conc. %: 25 Type: anionic

Remarks: Liquid foam concentrate for fire fighting.